Concurrency issues

Concurrent Modification Exception:

When two threads try to add/modify the contents of Object then we will get a Run-time exception saying ConcurrentModificationException.

I solved this issue using:

- `ConcurrentHashMap`, in `EmployeeCache`
- `PriorityBlockingQueue`, in `EmployeeCache`
- `LinkedBlockingQueue`, in `BasicConnectionPool`

Creating a new thread depandance object for each task:

I solved this issue using ThreadLocal to store data individually for the current thread.

- `ThreadLocal<EmployeeMySqlRepository>`, in `ClientRunnable`.
- `ThreadLocal<Gson>`, in `ClientRunnable`.